

## **Abstract**

The invention relates to a ball bearing with an inner race (2) and an outer race (1) disposed coaxially with respect to it, wherein between inner race (2) and outer race (1) bearing balls (6) are disposed which are guided by means of a cage (3), the cage (3) being comprised of a composite material. The invention addresses the problem of proposing a ball bearing, which combines a long service life with the properties of being capable of operating after a lubrication system failure. This is attained thereby that the composite material comprises epoxide resin as well as fibers.